



Asp Ile Gly Leu Tyr Asn Leu Arg Asn Ile Thr Arg Gly Ala Ile Arg  
100 105 110



Ile Val Leu Asn Lys Asp Asp Asn Glu Glu Cys Gly Asp  
145 150 155

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<210> 3
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<212> PRT
<213> Homo sapiens

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<222> (15)..(24)
<223> Protein sequence known but not provided in Figure 6a
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Phe Leu Ser Leu Gln Arg Met Phe Asn
   20                               25                      30
Asn Cys Glu Val Val Leu Gly Asn Leu Glu Ile Thr Tyr Val Gln Arg
   35                               40                      45
Asn Tyr Asp Leu Ser Phe Leu Lys Thr Ile Gln Glu Val Ala Gly Tyr
   50                               55                      60
Val Leu Ile Ala Leu Asn Thr Val Glu Arg Ile Pro Leu Glu Asn Leu
 65                               70                      75                      80
Gln Ile Ile Arg Gly Asn Met Tyr Tyr Glu Asn Ser Tyr Ala Leu Ala
   85                               90                      95
Val Leu Ser Asn Tyr Asp Ala Asn Lys Thr Gly Leu Xaa Xaa Lys Pro
 100                               105                      110
Met Arg Asn Leu Gln Glu Ile Leu His Gly Ala Val Arg Phe Ser Asn
 115                               120                      125
Asn Pro Ala Leu Cys Asn Val Glu Ser Ile Gln Trp Arg Asp Ile Val
 130                               135                      140

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[illegible]

Ser Ser Asp Phe Leu Ser Asn Met Ser Met Asp Phe Gln Asn His Leu  
 145 150 155 160

Gly Ser Cys Gln Lys  
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Lys Val Cys Asn Gly Ile Gly Ile Gly Glu Xaa Xaa Xaa Xaa Xaa Xaa  
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Xaa Asn Ala Thr Asn Ile Lys His Phe Lys Asn Cys Thr Ser Ile Ser  
 20 25 30

Gly Asp Leu His Ile Leu Pro Val Ala Phe Arg Xaa Xaa Xaa Xaa Xaa  
 35 40 45

Xaa Xaa Pro Pro Leu Asp Pro Gln Glu Leu Asp Ile Leu Lys Thr Val  
 50 55 60

Lys Glu Ile Thr Gly Phe Leu Leu Ile Gln Ala Trp Pro Glu Asn Arg  
 65 70 75 80

Thr Asp Leu His Ala Phe Glu Asn Leu Glu Ile Ile Arg Gly Arg Thr  
 85 90 95

Lys Gln His Gly Gln Phe Ser Leu Ala Val Val Ser Leu Asn Ile Thr  
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1000-54560





Ser

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Asp Leu Cys Pro Gly Thr Met Glu Glu Lys Pro Met Cys Glu Lys Thr  
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Thr Ile Asn Asn Glu Tyr Asn Tyr Arg Cys Trp Thr Thr Asn Arg Cys  
20 25 30

Gln Lys Met Cys Pro Ser Thr Cys Gly Lys Arg Ala Cys Thr Glu Asn  
35 40 45

Asn Glu Cys Cys His Pro Glu Cys Leu Gly Ser Cys Ser Ala Pro Asp  
50 55 60

Asn Asp Thr Ala Cys Val Ala Cys Arg His Tyr Tyr Tyr Ala Gly Val  
65 70 75 80

Cys Val Pro Ala Cys Pro Pro Asn Thr Tyr Arg Phe Glu Gly Trp Arg  
85 90 95

Cys Val Asp Arg Asp Phe Cys Ala Asn Ile Leu Ser Ala Glu Ser Ser  
100 105 110

Asp Ser Glu Gly Phe Val Ile His Asp Gly Glu Cys Met Gln Glu Cys  
115 120 125

Pro Ser Gly Phe Ile Arg Asn Gly Ser Gln Ser Met Tyr Cys Ile Pro  
130 135 140

Cys Glu Gly Pro Cys Pro  
145 150

<210> 8  
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<212> PRT  
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<400> 8

0055275-093001





45

Asn Ile Thr Cys Thr Gly Arg Gly Pro Asp Asn Cys Ile Gln Cys Ala  
65 70 75 80

[illegible]



140

Val Val Thr Gly Tyr Val Lys Ile Arg His Ser His Ala Leu Val Ser  
355 360 365

[illegible]

Leu Ser Phe Leu Lys Asn Leu Arg Leu Ile Leu Gly Glu Glu Gln Leu  
370 375 380

Glu Gly Asn Tyr Ser Phe Tyr Val Leu Asp Asn Gln Asn Leu Gln Gln  
385 390 395 400

Leu Trp Asp Trp Asp His Arg Asn Leu Thr Ile Lys Ala Gly Lys Met  
405 410 415

Tyr Phe Ala Phe Asn Pro Lys Leu Cys Val Ser Glu Ile Tyr Arg Met  
420 425 430

Glu Glu Val Thr Gly Thr Lys Gly Arg Gln Ser Lys Gly Asp Ile Asn  
435 440 445

Thr Arg Asn Asn Gly Glu Arg Ala Ser Cys Glu Ser Asp Val Leu His  
450 455 460

Phe Thr Ser Thr Thr Thr Ser Lys Asn Arg Ile Ile Ile Thr Trp His  
465 470 475 480

Arg Tyr Arg Pro Pro Asp Tyr Arg Asp Leu Ile Ser Phe Thr Val Tyr  
485 490 495

Tyr Lys Glu Ala Pro Phe Lys Asn Val Thr Glu Tyr Asp Gly Gln Asp  
500 505 510

Ala Cys Gly Ser Asn Ser Trp Asn Met Val Asp Val Asp Leu Pro Pro  
515 520 525

Asn Lys Asp Val Glu Pro Gly Ile Leu Leu His Gly Leu Lys Pro Trp  
530 535 540

Thr Gln Tyr Ala Val Tyr Val Lys Ala Val Thr Leu Thr Met Val Glu  
545 550 555 560

Asn Asp His Ile Arg Gly Ala Lys Ser Glu Ile Leu Tyr Ile Arg Thr  
565 570 575

Asn Ala Ser Val Pro Ser Ile Pro Leu Asp Val Leu Ser Ala Ser Asn  
580 585 590

0055575-000001

Ser Ser Ser Gln Leu Ile Val Lys Trp Asn Pro Pro Ser Leu Pro Asn  
595 600 605

Gly Asn Leu Ser Tyr Tyr Ile Val Arg Trp Gln Arg Gln Pro Gln Asp  
610 615 620

Gly Tyr Leu Tyr Arg His Asn Tyr Cys Ser Lys Asp Lys Ile Pro Ile  
625 630 635 640

Arg Lys Tyr Ala Asp Gly Thr Ile Asp Ile Glu Glu Val Thr Glu Asn  
645 650 655

Pro Lys Thr Glu Val Cys Gly Gly Glu Lys Gly Pro Cys Cys Ala Cys  
660 665 670

Pro Lys Thr Glu Ala Glu Lys Gln Ala Glu Lys Glu Glu Ala Glu Tyr  
675 680 685

Arg Lys Val Phe Glu Asn Phe Leu His Asn Ser Ile Phe Val Pro Arg  
690 695 700

Pro Glu Arg Lys Arg Arg Asp Val Met Gln Val Ala Asn Thr Thr Met  
705 710 715 720

Ser Ser Arg Ser Arg Asn Thr Thr Ala Ala Asp Thr Tyr Asn Ile Thr  
725 730 735

Asp Pro Glu Glu Leu Glu Thr Glu Tyr Pro Phe Phe Glu Ser Arg Val  
740 745 750

Asp Asn Lys Glu Arg Thr Val Ile Ser Asn Leu Arg Pro Phe Thr Leu  
755 760 765

Tyr Arg Ile Asp Ile His Ser Cys Asn His Glu Ala Glu Lys Leu Gly  
770 775 780

Cys Ser Ala Ser Asn Phe Val Phe Ala Arg Thr Met Pro Ala Glu Gly  
785 790 795 800

Ala Asp Asp Ile Pro Gly Pro Val Thr Trp Glu Pro Arg Pro Glu Asn  
805 810 815

1000-999999





Gly Ser Leu Ile Ile Asn Ile Arg Gly Gly Asn Asn Leu Ala Ala Glu  
340 345 350

Leu Glu Ala Asn Leu Gly Leu Ile Glu Glu Ile Ser Gly Tyr Leu Lys  
355 360 365

Ile Arg Arg Ser Tyr Ala Leu Val Ser Leu Ser Phe Phe Arg Lys Leu  
370 375 380

Arg Leu Ile Arg Gly Glu Thr Leu Glu Ile Gly Asn Tyr Ser Phe Tyr  
385 390 395 400

Ala Leu Asp Asn Gln Asn Leu Arg Gln Leu Trp Asp Trp Ser Lys His  
405 410 415

Asn Leu Thr Ile Thr Gln Gly Lys Leu Phe Phe His Tyr Asn Pro Lys  
420 425 430

Leu Cys Leu Ser Glu Ile His Lys Met Glu Glu Val Ser Gly Thr Lys  
435 440 445

Gly Arg Gln Glu Arg Asn Asp Ile Ala Leu Lys Thr Asn Gly Asp Gln  
450 455 460

Ala Ser Cys Glu Asn Glu Leu Leu Lys Phe Ser Tyr Ile Arg Thr Ser  
465 470 475 480

Phe Asp Lys Ile Leu Leu Arg Trp Glu Pro Tyr Trp Pro Pro Asp Phe  
485 490 495

Arg Asp Leu Leu Gly Phe Met Leu Phe Tyr Lys Glu Ala Pro Tyr Gln  
500 505 510

Asn Val Thr Glu Phe Asp Gly Gln Asp Ala Cys Gly Ser Asn Ser Trp  
515 520 525

Thr Val Val Asp Ile Asp Pro Pro Leu Arg Ser Asn Asp Pro Lys Ser  
530 535 540

Gln Asn His Pro Gly Trp Leu Met Arg Gly Leu Lys Pro Trp Thr Gln  
545 550 555 560







Leu 65	Glu	Ser	Leu	Arg	Asp 70	Leu	Phe	Pro	Asn	Leu	Ala	Val	Ile	Arg	Gly 80
Thr	Arg	Leu	Phe	Leu 85	Gly	Tyr	Ala	Leu	Val 90	Ile	Phe	Glu	Met	Pro	His
Leu	Arg	Asp	Val 100	Ala	Leu	Pro	Ala	Leu 105	Gly	Ala	Val	Leu	Arg 110	Gly	Ala
Val	Arg	Val 115	Glu	Lys	Asn	Gln	Glu 120	Leu	Cys	His	Leu	Ser 125	Thr	Ile	Asp
Trp	Gly 130	Leu	Leu	Gln	Pro 135	Ala	Pro	Gly	Ala	Asn	His 140	Ile	Val	Gly	Asn
Lys 145	Leu	Gly	Glu	Glu	Cys 150	Ala	Asp	Val	Cys	Pro 155	Gly	Val	Leu	Gly	Ala 160
Ala	Gly	Glu	Pro	Cys 165	Ala	Lys	Thr	Thr	Phe 170	Ser	Gly	His	Thr	Asp 175	Tyr
Arg	Cys	Trp	Thr 180	Ser	Ser	His	Cys	Gln 185	Arg	Val	Cys	Pro	Cys 190	Pro	His
Gly	Met 195	Ala	Cys	Thr	Ala	Arg	Gly 200	Glu	Cys	Cys	His	Thr 205	Glu	Cys	Leu
Gly 210	Gly	Cys	Ser	Gln	Pro	Glu 215	Asp	Pro	Arg	Ala	Cys 220	Val	Ala	Cys	Arg
His 225	Leu	Tyr	Phe	Gln	Gly 230	Ala	Cys	Leu	Trp	Ala 235	Cys	Pro	Pro	Gly	Thr 240
Tyr	Gln	Tyr	Glu	Ser 245	Trp	Arg	Cys	Val	Thr 250	Ala	Glu	Arg	Cys	Ala 255	Ser
Leu	His	Ser	Val 260	Pro	Gly	Arg	Ala	Ser 265	Thr	Phe	Gly	Ile	His 270	Gln	Gly
Ser	Cys 275	Leu	Ala	Gln	Cys	Pro	Ser 280	Gly	Phe	Thr	Arg	Asn 285	Ser	Ser	Ser

[illegible]

525

Gln Glu Asp Lys Val Pro Arg Glu Arg Ala Val Leu Ser Gly Leu Arg  
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<400> 15

Asp Val Asp Asp Asp Lys Glu Gln Lys Leu Ile Ser Glu Glu Asp  
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Leu Asn

[illegible]